

I claim:

5 *Sub a1*

1. A method for identifying an agent which modulates an TNF & IFN influenced cellular process or response, the method comprising:

- a) exposing a sample of cells to TNF & IFN ;
- b) determining the level of expression in the sample of cells of one or more TNF & IFN stimulated genes (Tables 1 and 2) in the presence and absence of a selected agent; and
- c) identifying that the agent modulates an TNF & IFN influenced cellular process or response when the expression of the one or more TNF & IFN stimulated genes in the cell sample in the presence of the agent differs from the expression of the one or more TNF & IFN stimulated genes in the absence of the agent.

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2. A method for identifying an agent which modulates an TNF & IFN influenced cellular process or response, the method comprising:

- a) exposing a sample of cells to TNF & IFN ;
- b) determining the activity in the sample of cells of the product of one or more TNF & IFN stimulated genes (Table 1 and 2) in the presence and absence of a selected agent; and
- c) identifying that the agent modulates an TNF & IFN influenced cellular process or response when the activity of the product of the one or more TNF & IFN stimulated genes in the cell sample in the presence of the agent differs from the activity of the product of the one or more TNF & IFN stimulated genes in the absence of the agent.

3. A method for identifying an agent which modulates an TNF & IFN influenced cellular process or response, the method comprising:

- a) providing a sample of cells;
- b) determining the level of expression in the sample of cells of one or more TNF & IFN stimulated genes (Tables 1 and 2) in the presence and absence of a selected agent; and
- c) identifying that the agent modulates an TNF & IFN influenced cellular process or response when the expression of the one or more TNF & IFN stimulated genes in the cell sample in the presence of the agent differs from the expression of the one or more TNF & IFN stimulated genes in the absence of the agent.

4. A method for identifying an agent which modulates an TNF & IFN influenced cellular process or response, the method comprising:

- a) providing a sample of cells;
- b) determining the activity in the sample of cells of the product of one or more TNF & IFN stimulated genes (Table 1 and 2) in the presence and absence of a selected agent; and
- c) identifying that the agent modulates an TNF & IFN influenced cellular process or response when the activity of the product of the one or more TNF & IFN stimulated genes in the cell sample in the presence of the agent differs from the activity of the product of the one or more TNF & IFN stimulated genes in the absence of the agent.

5. A method for detecting or monitoring a cellular process or response that is influenced by TNF & IFN , the method comprising:

- a) obtaining a sample of cells from a patient;
- b) determining the level of expression in the sample of cells of one or more TNF & IFN stimulated genes (Tables 1 and 2); and
- c) identifying that the cells in the sample of cells obtained from the patient are undergoing a cellular process or response that is influenced by TNF & IFN when the level of expression of the one or more TNF & IFN stimulated genes in the cell sample is increased relative to the level of expression of the one or more TNF & IFN stimulated genes in a control the sample.

6. A method for detecting or monitoring a cellular process or response that is influenced by TNF & IFN , the method comprising:

- a) obtaining a sample of cells from a patient;
- b) determining the level of activity in the sample of cells of the product of one or more TNF & IFN stimulated genes (Tables 1 and 2); and
- c) identifying that the cells in the sample of cells obtained from the patient are undergoing a cellular process or response that is influenced by TNF & IFN when the level of activity of the product of the one or more TNF & IFN stimulated genes in the cell sample is increased relative to the activity of the product of the one or more TNF & IFN stimulated genes in a control the sample.

7. A method for assessing whether cells will be responsive to an agent which modulates an TNF & IFN influenced cellular process or response comprising the steps of

- a) exposing a sample of cells obtained from a patient to a test agent;
- b) determining the level of expression in the sample of cells of the one or more TNF & IFN stimulated genes (Tables 1 and 2) in the sample exposed to the agent and in a sample of cells that is not exposed to the agent; and
- c) determining that the cells will be responsive to the agent when expression of the one or more of the TNF & IFN stimulated genes is altered in the presence of the agent.

8. A method for assessing whether cells will be responsive to an agent which modulates an TNF & IFN influenced cellular process or response comprising the steps of

- a) exposing a sample of cells obtained from a patient to a test agent;
- b) determining the level of activity of the product of the one or more TNF & IFN stimulated genes (Tables 1 and 2) in the sample of cells exposed to the agent and in a sample of cells that is not exposed to the agent; and
- c) determining that the cells will be responsive to the agent when activity of the product of the one or more TNF & IFN stimulated genes in the cell sample in the presence of the agent differs from

the activity of the product of the one or more TNF & IFN
stimulated genes in the absence of the agent.

5 9. A method for modulating an TNF & IFN influenced cellular
process or response, the method comprising administering a compound
which alters the expression or activity of an TNF & IFN stimulated gene
(Tables 1 and 2).

10 10. The method of claim 10 wherein said compound is a TNF & IFN
stimulated gene or the product thereof.

15 11. A method of treating a viral disease, disorder or infection,
comprising the administration of a therapeutically effective dose of TNF &
IFN which alters the expression or activity of an TNF & IFN stimulated
gene (Tables 1 and 2).